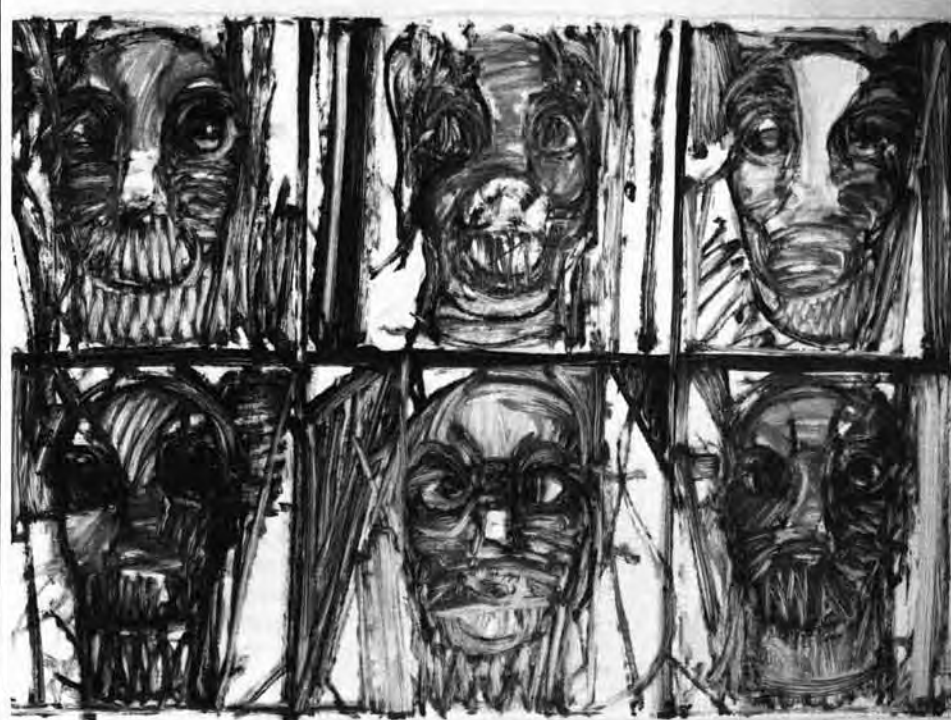


The University of Maryland College Park

OUTLOOK

April 25, 1988



Ellen Gelman's 1986 monoprint from her "Skulls, Masks, Heads, and Faces Series" is among 32 works by 17 faculty artists that will be exhibited this spring in Europe. The show opened on April 21 in Brussels. James Leshner, Acting Dean of the College of Arts and Humanities has said, "We are extremely pleased to have this to exhibit the work of our Maryland artists in Belgium (and West Germany)...May (these) cultural exchanges grow and enrich both our countries."

The FY 1988⁹ Operating Budget—The Best in Years

In February, testifying before the legislature's Subcommittee on Education, Health and Human Resources, Chancellor John Slaughter said, "For the first time in my tenure as Chancellor of the College Park Campus, I am able to bring before the Subcommittee an operating budget for FY '89 that offers hope for our quest to build a truly great state university..."

In April, the University's budget was approved, and the Chancellor's optimism proved well-founded.

The FY 1988-89 operating budget takes effect July 1. One of the most positive in years, the budget contains support for a number of significant new College Park initiatives, continues support for several promising programs already underway, and, perhaps most important, holds the campus "harmless" with respect to tuition revenue lost as the new

undergraduate enrollment reduction plan gets underway next fall.

The combined total College Park Campus budget for State and Non-State Support Programs for FY '89 is just over \$455.2 million—an increase of 9.3 percent over this year's working budget. It includes \$25.8 million (15.6 percent) over this year's budget in State General Funds. This total General Funds increase contains \$5 million to replace tuition and fees that will be lost as the undergraduate population decreases by 2,230 FTES next fall. This is Phase I of the campus plan to reduce the undergraduate enrollment by 20 percent over the next five years.

As the plan takes effect, the percentage of graduate enrollment to total enrollment is expected to increase from 12 percent in 1987 to 14

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A Time of Transition for College Park—A Talk With Vice Chancellor Kirwan

When Chancellor John Slaughter leaves College Park to become President of Occidental College in mid-July, William E. Kirwan will become acting head of the campus while the search for a permanent president for College Park takes place. Kirwan's title will be Acting President of the campus since the reorganization that takes effect calls for the University of Maryland System to expand to include six more public universities and colleges. At that time President John S. Toll will become Chancellor of Maryland System and College Park's chief officer will be called President.

Recently, *Outlook* editor Roz Hiebert talked with Vice Chancellor Kirwan about College Park's future directions.

Q. What implications do you think the new governance system has for the Campus?

A. For one thing, the clear intent of the legislation is to delegate much more autonomy to the campuses. New procedures and processes will

have to be established during the next few months. The first order of business is to be certain that the views of the College Park Campus are presented as effectively as possible to President/soon-to-be Chancellor Toll. There will be a great deal of discussion involving the other chancellors and presidents of state colleges. This will be an unusually critical period of time for the campus.

Considerable effort must be made to assure that our point of view gets presented effectively. This will require a great deal of consultation with vice chancellors, deans, members of the Campus Senate and other campus representatives.

Q. Will the fact that the Campus Senate does not meet during the summer hinder these efforts?

A. To some extent but the Senate Executive Committee is available, and according to the senate charter, has authority to act for the senate when it isn't in session. I will certainly consult with the Executive Committee on any issues of substance that arise this summer.

Q. When you say the campus will have more autonomy to manage its own affairs, what do you mean?

A. The campus will have authority to make final decisions on a variety of matters within the policies established by the UM chancellor and the new Board of Regents. This will include final decisions on promotion and tenure, the right to run our own alumni operation, and greater responsibility and authority on fiscal matters.

Q. Does this mean that the UMCP President could make most decisions without having the system Chancellor and Board of Regents approve them?

A. Of course the ultimate authority lies with the Board of Regents. This group and the Chancellor-to-be will develop policies under which the various campuses will operate. But the clear intent of this legislation is for each individual campus to have the authority to manage its own affairs within this policy framework. It's rather remarkable that the bill even

includes certain matters that MUST be delegated to Presidents. That's very strong language and to my knowledge unprecedented.

Q. You sound very positive about the potential for the campus to move ahead.

A. I am. I think there are two other aspects of the legislative actions that should give great hope to everyone at UMCP. First there is the extraordinary way in which the legislation repeatedly designates College Park as something special, as the flagship of the system, and talks about College Park becoming one of the pre-eminent public institutions in the country. But it isn't only the technical language in the bill that's so gratifying. The comments made by legislators when discussing the bill were equally gratifying. We should take great heart in the unified way the legislature stated the need to enhance this campus.

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Second Annual Procurement Fair to be Held

The Computer Science Center and Procurement and Supply are hosting the "Second Annual Procurement Fair" on April 29 from 10 a.m.-4 p.m. in Room 3316 (Faculty/Staff Lounge) of the Computer Science Center Bldg. #224. The purpose of this event is to expedite necessary approvals for word processing, data processing and BB4 acquisitions that are being purchased with funds that expire June 30, 1988, and have a submission deadline of April 29, 1988. We are encouraging everyone to come early and avoid a last minute crunch. To make an appointment call 454-6927.

RESEARCH UPDATES

Freeman Improves Ways to Detect "Molecular Fossils"

Just as ancient plants and shells leave impressions of their former selves in stone, bacteria and algae leave molecular fossil records in the form of metal-containing organic chemicals called geoporphyrins.

Detecting geoporphyrins in earth samples can help geologists locate oil, but traditionally, the chemical detection of geoporphyrins took weeks to complete. Dave Freeman, professor of chemistry and biochemistry, and his Analytical Chemistry Group for the past four years have been improving and speeding up the technique for measuring geoporphyrins. Processes once requiring weeks to complete now take less than an hour.

"We study the method for its own sake," Freeman explains. "We want to develop methods for measuring geoporphyrins that are highly sensitive, accurate and uncomplicated."

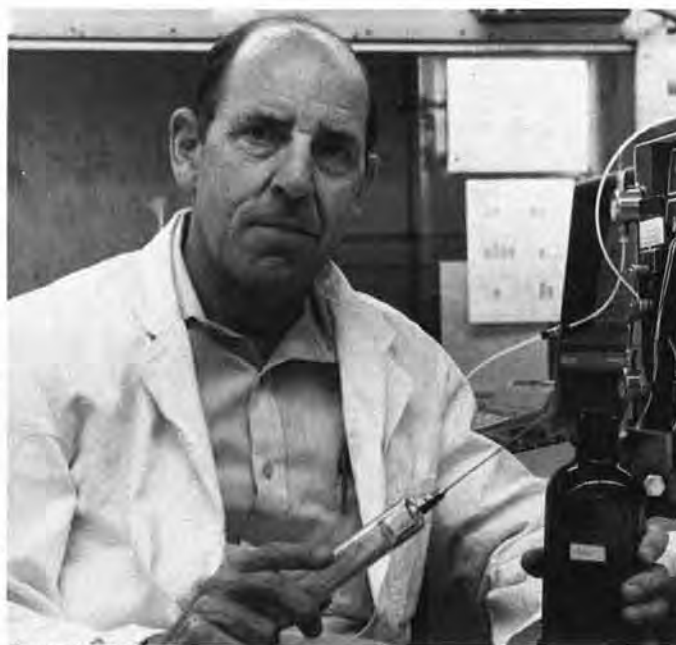
Geoporphyrins typically began as chlorophyll in algae and plants millions of years ago. The plants died, were eaten by bacteria, and the bacteria in turn ended up in animal waste products on the ocean floor. Eventually this layer was pushed down by other sediments and compacted to form rock. As the rock reached a certain depth in the earth's crust, it was heated to temperatures that cooked the oil and some geoporphyrins out of the rock. However, some geoporphyrins—descendants of chlorophyll combined with certain metals—remained in the rock.

"Not only can these geoporphyrins help geologists locate oil deposits, but they can tell geologists interested in paleochemical reconstruction what algae or bacteria they came from and whether or not they originated in an ocean, lake, or stagnant pool. They are truly molecular fossils," says Freeman.

To aid geologists in finding oil, geoporphyrins must be extracted from rock.

"We are just coming to grips with the complex problems of getting geoporphyrins out of rock and then measuring them," Freeman says. "You have to grind and regrind the rocks and wash the chemicals out. Thus far we're able to extract enough geoporphyrins to measure, but we hope to make the process less complicated."

Measuring geoporphyrins in oil is also



Dave Freeman

a complex procedure. Five main steps are needed to isolate the compounds from oil, and Freeman and his group thus far have worked extensively with steps one and two. These steps divide the geoporphyrins according to the type of metal that is attached such as nickel. By passing oil through a new type of porous silica gel, Freeman and his group have made these steps faster and more accurate.

Steps three, four and five are used to purify the mixtures and then to isolate individual compounds. Currently, these steps are difficult to manage and results can vary each time. Freeman says they will begin refocusing on steps three and four at the beginning of the summer to make the tests easier and more consistent. ■

—Jan Barkley

On Being Young, Homeless and Resourceful in Bogota, Colombia

Sixty million is the recent World Health Organization's estimate of the number of homeless children throughout the world. They survive—some even thrive—along the thin edges of society in both developed and developing countries. But for psychology professor Forrest Tyler and anthropologist Sandra Tyler the street children of Bogota, Colombia are of special interest since it was in that city that the husband and wife team conducted a preliminary study of young people who, like Victor Hugo's *gamin*, manage to eke out a livelihood despite the overwhelming odds against them. The genesis of the Bogota study was decidedly atypical. Several years ago, Forrest Tyler, a clinical psychologist, was a Fulbright Scholar in Colombia. His wife Sandra, a registered nurse as well as an anthropologist, accompanied him. Looking for a way to make good use of her stay, Sandra volunteered her time and skills to an association of street workers providing medical assistance to the city's homeless children. After a short time, the group asked Tyler for help in devising a better method of reaching out to street children, one that would enable the young people to provide their own perspective on their lives.

"The volunteers wanted to gain a better understanding of the kids they were serving," Sandra Tyler says. "They shared with the children a sense of resentment about the condescension of professionals, the hostility of adults generally, and the exploitation and abuse to which the children were constantly exposed.

They wanted a more balanced picture by including the children's perspective. Specifically, the workers were looking for answers to why the children chose to live on the streets when it's so hard to do so—and when they could go to an agency for placement in an institution; and what kinds of supports each child needed to survive. But to get straight answers to those kinds of questions, people had to not only ask the right questions, but ask them in the right way."

It was at that point that Forrest Tyler entered the picture. He and Sandra collaborated with street workers (some of whom are former street children) on a questionnaire that interviewers could use to bring them closer to the truth about the lives of street children. Using information gleaned from such a questionnaire, the workers of Bogota felt that better, i.e., more effective, programs for street children could be developed.

"So we came up with a sound instrument and trained the volunteers to do the interviews," Tyler says. In 1984 they gathered data on 75 street children, on 69 the following year. "Most of them (129) were boys. We used their reported ages and places of residence as criterion for including them in our analyses. We found that 101 of them (94 boys and 7 girls) were under 18 and defined the streets as their home. We also discovered that most of these children were fiercely independent, loyal to one another and quite able to survive on their own," she says.

Back in College Park, the Tylers, along with graduate students John

Echeverry, Tony Tommasello (School of Pharmacology, UMBC) and Maria Cecilia Zea, used Forrest's psychosocial competence configuration as a framework for developing measurements of the children's sense of self-efficacy and trust, as well as their sense of psychological and physical support and lack thereof in their various life contests, i.e., homes, institutions, the streets. The researchers also focused on the children's exposure to and involvement in activities such as smoking, drinking, drugs, and sex.

As a result of this study, Tyler and his associates have begun developing a program for working with homeless children that takes into account their many strengths as well as their basic need for independence, yet offers them support in areas where they have little or none. The program will be used by several groups working with homeless Hispanic children in Washington, D.C.—an estimated 300.

"We're just beginning this new project," says Tyler. "We've completed a community assessment and next we will try to attract Spanish-speaking volunteers to do the interviews. These interviews will be based on the ones conducted with the children in Bogota, though homeless Hispanic children in this country come mostly from Central America. The interviews will provide us with information that will be used to find funding for a variety of support services, such as a short-stay home for the children. We have a long road ahead of us." ■

—Mercy Hardie Coogan

OUTLOOK

OUTLOOK is published weekly during the academic year by the Office of Institutional Advancement for the faculty and staff of the University of Maryland College Park Campus.

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UMCP Journalism Alumna Jane Healy Wins 1988 Pulitzer Prize

Jane Healy, a 1973 graduate of the College of Journalism at The University of Maryland College Park, has won the 1988 Pulitzer Prize for editorial writing for her work at the Orlando Sentinel. The awards were announced on March 31. Healy, an associate editor and editorial page editor at the Sentinel, won her Pulitzer for a series of editorials protesting the overdevelopment of Florida's Orange County. Healy's is the third Pulitzer to be won by a Maryland Journalism alum. Jon Franklin, now a faculty member, won two Pulitzer Prizes while with the Baltimore Evening Sun.



Wiedel's "Tactile Capitol" Braille Map Wins Award

Cartographer Joe Wiedel's most recent map for the vision impaired, his "Tactile Capitol," has won the outstanding achievement award from the American Congress on Surveying and Mapping in a national competition that included maps produced during 1987.

"My commission from the U.S. Department of Education's Office of Special Education and Rehabilitative Services (underwriters of the "Tactile Capitol") was to produce a series of maps that would help make Washington, D.C. one of the most accessible cities in the world, Wiedel says. "The 'Tactile Capitol' is the first in that

series, and it will be followed by maps for the blind of the entire Capital Hill area, Washington D.C.'s Mall and the city's Metrorail system."

Wiedel has been a tactile cartographer since 1964 and a member of the Geography Department's faculty since 1959. He is generally considered the expert in his field. As chair of the International Cartographic Association's Tactile and Low Vision Mapping Commission, he is frequently called upon to advise cartographers in other countries. Next fall, for example, he will travel to Beijing, China to confer with cartographers in that nation.

"A cartographer can't just take a regular map and raise an image from

it to make it suitable for the vision impaired," Wiedel says. "There have to be certain modifications. For example, the 'Tactile Capitol,' is composed of three sheets of plastic—one for each floor of the building—with raised images accompanied by brief descriptions written in Braille. The three sheets are attached with a plastic spiral with the first floor appearing on the last page and floors two and three on top—depicting the building from bottom to top as it were. This arrangement enables a blind person to get a better orientation of the building since he/she can 'read' the bottom floor with one hand while feeling the images for the second floor directly above it."

Wiedel's "Tactile Capitol," along with his other maps of the D.C. area, as well as a series of high-contrast photographs of Washington sites for people with low vision, will be collected and displayed as part of a permanent exhibit at the Smithsonian and five other locations around the city. The exhibit will be part of the celebration of the Bicentennial of the U.S. Congress in 1989.

"The response to the 'Tactile Capitol' has been super positive even though it's only been available since early February," says Wiedel. "Still, it's not perfect. So I'll continue my research until we come up with the best possible tactile map. And we're getting closer all the time." ■

—Mercy Hardie Coogan

Youth Conference Focuses on Alcohol and Drugs

The scourge of alcohol and drug abuse among today's young people—as close to us as the tales of crime and misery in our newspapers and nightly news broadcasts—will be the focus of the Department of Special Education's Fourth Annual Conference on Understanding Troubled Youth, to be held this Thursday, April 28, from 8:30 a.m. to 4 p.m. at the Calverton Holiday Inn.

Prince George's County State's Attorney Alexander Williams, Jr., will serve as keynote speaker and join professional counselors and policy makers from around the region for the all-day conference, sponsored by the Department of Special Education's Center for Community Based Research.

"This will be an important conference because it will bring together parents, professionals, and policy makers to address the range of issues they face when they deal with alcohol and drug abuse among young people," says Peter Leone, project director. "It will be an attempt to look at ways we can integrate services and look beyond the traditional service delivery boundaries—we'll have the chance to highlight a few programs that are working so people can learn more about them."

Sessions will include: "What's Really Out There?: Drug Availability, Symptoms and Interactions: A Psychopharmacological Briefing," with Anthony Tomassello, School of Pharmacy, University of Maryland, and George Kolarik, Southern Drug Intervention Counseling Action Program; "Kids: What Can They Tell Us—What Can We Learn From Them?," with Peter Vaslow, substance abuse consultant, and a panel of adolescents; "Corrections," with John Ball, National Institute on Drug Abuse, and Perry Gaidurgis, Offenders Utilizing Treatment; and "Issues for Black Americans," with Garry Mendez, Jr., National Urban League. Parents and young people will participate throughout the day. For more information, contact Peter Leone at x8936. ■

for the Maryland Industrial Partnerships program (MIPS).

At the beginning of the FY '89 fiscal year starting on July 1, the University will enter a new era in its history when the restructuring of the system brings six additional schools into the University of Maryland System. The bill that created this new governance structure clearly designates College Park as the State's flagship campus. It also states that the campus will receive an additional \$28-\$32 million in FY 1989-90 as part of the legislature's desire to bring funding for College Park closer to that of its peer institutions. The upcoming operating budget is a promising step toward achieving this goal. ■

—Roz Hiebert

Budget Helps Campus Achieve Goals

continued from page 1

percent in 1989, and the student-faculty ratio is expected to improve from 15.8 to 15.3 during the same period.

The budget includes a 3.6 percent average merit pay increase for UMCP faculty and professional staff and normal increments for classified staff. In addition, all State employees will receive an across-the-board 4 percent cost-of-living salary increase.

The campus will gain 108.6 new positions, of which 97.68 are located in State-supported programs. The major reduction in the budget was a \$277,900 reduction made by the Legislature by increasing turnover expectancy in anticipation of a hiring lag for some new State positions.

Highlights of the College Park budget include:

- \$2 million of core funding for 30 new FTE support staff positions, graduate assistants, equipment and other operating expenses to support engineering, the natural sciences and computer sciences. This will be used to strengthen the instructional programs and position the campus more competitively in seeking research contracts and grants that act as a catalyst for the State's economic development.

Testifying on this item before the legislative subcommittee, Chancellor Slaughter said, "Because this funding is targeted to the sciences and applied

sciences, we plan to direct a larger portion of the resources that are reallocated from the \$5 million tuition offset funding to the Arts and Humanities and Behavioral and Social Sciences areas."

- \$1 million and 6 FTE positions to establish a new Center for Superconductivity Research that will provide a joint teaching and research program in this area of great promise where College Park has already begun to do significant research.

- \$1 million and 13 FTE positions for the Systems Research Center, to provide the first of three years in base funding to ensure continuing operation of the center. Chosen by the National Science Foundation (NSF) as one of six national centers of engineering excellence, the center has just received another \$21.3 million as part of five-year funding renewal from the NSF.

- \$2.8 million in increased General Funds support for UMCP facilities renewal, part of the \$5 million second phase of a total five-year \$25 million University-wide plan to have in its base budget an amount equal to 2 percent of the replacement value of facilities and infrastructure.

- \$1.2 million for academic computer work stations, in addition to which the Governor successfully added an additional \$284,000 for more computer workstations—"This item

was the amount funded for the campus from \$2.4 million requested for the University on the Separate List submitted last Fall.)

- \$340,000 for graduate fellowships and \$298,000 for four faculty and one support position for expenses related to tuition revenue generated by increased graduate enrollment of 122 FTE students.

- \$469,000 for library books and labor and assistants.

- \$89,000 and two positions for an improved drug education program.

- \$300,000 in program adjustments for the Institute for Advanced Computer Studies to reinstate funding partially cut in FY '88.

- \$578,400 for Desegregation scholarship and fellowship support.

- \$710,000 and two positions for administrative computing and other institutional support activities.

- \$350,000 and ten positions for the new Construction Management program.

- 10 positions for administrative support for growing campus-sponsored research activities.

- \$695,000 and 17.68 classified staff positions for new facilities.

Just two items contained on the Separate List of unfunded needs outside the MARC budget were funded: partial money was appropriated for academic computer workstations (mentioned above), and \$500,000 and two positions included in the budget

Calendar

April 25 — May 4

Plan To Charge Parking Fees For Events Tabled

Objections from campus arts organizations led the Campus Senate to table, at its April meeting, a plan to charge campus organizations for parking when they hold events. Representatives from theater and dance groups argued that the fee could force them to raise ticket prices. In another action, the Senate rejected the idea of requiring both hanging permits and identifying stickers on cars parked in UMCP lots. The Senate action conforms with Motor Vehicle Administration plans to register cars with just hanging permits beginning this fall.

25 MON



Horticulture Seminar: "Floral induction and node counting in the shoot apical meristem of tobacco," Carl McDaniel, RPI, 4 p.m., 0128B Holzapfel, call x3614 for info.

Sculpture Exhibit: "Wallworks: Four Regional Sculptors," Mon.-Fri. 10 a.m.-8 p.m., Sat.-Sun. 12 noon-6 p.m., Parent's Association Gallery, Stamp Union, through May 13, call x4753 for info.

International Development Colloquium: "Agricultural Technology Systems: An Analytical Framework Developed by INTERPAKS," William Rivera, 12 noon, 0115 Symons, call x6407 for info.

Advanced Computer Studies Lecture: "Making Relational Algebra Algebraic," Eugene Wong, 2 p.m., 1112 Williams, call x1808 for info.

Geographic Information Systems Seminar: "TIGER—A Non-Cartographic Data Base," Robert Marx, Census Bureau, 4 p.m., 2203 Art/Soc., call x6687 for info.

Computer Science Seminar: "Performance of Parallel Computer Systems," Edward Lazowska, U. of Washington, 4 p.m., 0111 Classroom Bldg., call x4244 for info.

Entomology Seminar: "Acoustical Communications and Mating Behavior of Planthoppers," Susan Heady, Ohio State U., 4 p.m., 0200 Symons, call x3843 for info.

History and Philosophy of Science Colloquium: "The Place of Values in Science and Technology," F. James Rutherford, 4:15 p.m., 2114 Skinner, call x2850 for info.

Classics Lecture: "Caviar to the General: The Epinician Ode," Bernard Knox, 4:30 p.m., 2309 Art/Soc., reception to follow, call x2510 for info.

26 TUE

Walk for Health, Sponsored by Health Center to all locations on campus which promote health; prizes, call x4922 for info.

Agriculture Extension Worldwide: "BIFAD and Its Promotion of Technology System Linkages," Lynn Pesson, USAID, 12 noon, 0115 Symons, call x4933 for info.



Zoology Seminar: "Phylogeny of West Indian Lizards," Chris Burnell, 12 noon, 1208 Zoology, call x3203 for info.

Writers Here and Now Poetry Reading: Student Reading, 3:30 p.m. Porter Room, McKeldin, call x2511 for info.

Physics Colloquium: "The Brain: An Overview of Research in the 80s," Michael Brownstein, NIMH, 4 p.m., 1410 Physics, call 3501 for info.

27 WED

Counseling Center R & D Meeting: "Research of the National Center," Richard Chait, Nat. Center for Post-Secondary Governance and Finance, 12 noon, Testing Room, Shoemaker, call x2931 for info.



Arts and Humanities Collegiate Encounter: "The Shape of the Campus," Dennis Nola, landscape architect, 12:15 p.m., RR1101 Dean's Conference Room, call x6790 for info.

Graduate Student Assembly, 2 p.m., 1143 Stamp Union, all graduate students welcome, call x2850 for info.

Geographic Information Systems Seminar: "Vehicle Navigation Systems: Cognitive and Cartographic Perspectives," David Mark, SUNY, Buffalo, 4 p.m., 2309 Art/Soc., call x4105 for info.

Agricultural Biotechnology Distinguished Lecture: "Transcriptional Regulation of Eukaryotic Genes," Ming-Jer Tsai, Baylor U., 4 p.m., 1250 Zoology, call x7842 for info.

Astronomy Colloquium: "Magnetic Fields in the Environment of Extragalactic Radio Sources," Richard Perley, Very Large Array, 4 p.m., 1113 Computer Science, call x3501 for info.

Architecture Lecture: "Post-War Wedding Cake: Tall Buildings in Moscow and the New York Antecedents," Anatole Senkevich, U. of Michigan, 7:30 p.m., Architecture Auditorium, call x3427 for info.

Employee Development Seminar: Deadline for nominations for Career Counseling Seminar May 4, call x4811 for info.

28 THU

CIDCM Seminar: "Territory and Tension: A Snapshot of Israel in the Spring of 1988," (with slides), Kenneth Corey, 12:15 p.m., 2136 Mill Bldg., call x7615 for info.

Advanced Computer Studies Seminar: "The LDL System: A Novel Approach to Programming with Logic," Carlo Zaniolo, 2 p.m., 1112 Williams Bldg., call x1808 for info.



Dance Workshop: "Try It," 7:30 p.m., EE Studio Theater; participants work with company members, \$5 (UMCP students free), call x4847 for info.

Meteorology Seminar: "Correction of systematic error in NCM's medium range forecasts," S. Saha, 3:30 p.m., 2114 Computer and Space Science, call x2708 for info.

Reliability Seminar: "Environmental Stress Screening," Jerald Feinstein, Gould, Inc., 5:30 p.m., 2164 Engineering Classroom Bldg., call x1941 for info.

University Theatre: The Tempest, 8 p.m., Tawes Theatre; tickets \$7 (\$5.50 senior/student); also on April 22, 23, 28, 29, 30 at 8 p.m., April 24 at 2 p.m., call x2201 for info.

29 FRI

Annual Procurement Fair, 10 a.m.-4 p.m., 3316 Computer Science Center, Bldg. -224; to expedite approvals for word processing, data processing and BB4 acquisitions with submission deadlines of Apr. 29, 1988; for info or to make an appointment, call x6927.

Geology Seminar: "Facies patterns and evolutionary histories of the Middle Ordovician Trenton Group of New York State," Robert Titus, Hardwick College, 11 a.m., 0105 Hornbake, call x3548 for info.

Geography Seminar: "A Tactile Capitol," Joseph Wiedel, 12 noon, 1179 Lefrak, call x2241 for info.

Lunch 'n Learn Conference: "Sexual Misconduct of Therapists: Managing Erotic Transferences and Countertransferences," Robert Simon, 1 p.m., 3100E Health Center, call 4925 for info.



Music Auditions: Undergraduate Scholarships, Percussion, strings, piano, voice, brass, woodwinds; merit based, up to full in-state tuition and fees, renewable up to four years, call x2501 for info.

Distinguished Scholar-Teacher Lecture: "From Calculus to Chaos: The Mathematics of Motion and Change," Daniel Rudolph, Math Dept., 2 p.m., 2203 Art/Soc., call x6231 for info.

Microbiology Seminar: Marianne Walsh, 3:30 1207 Microbiology, call x2848 for info.

Electrophysics Seminar: "Optically Controlled Phase Array Radar," G. Simonis, Harry Diamond Lab, 4 p.m., 1207 Energy Research Bldg., call x2324 for info.

Open Rehearsal: Guarneri String Quartet, 7 p.m., Tawes Recital

Hall; a reading through Shostakovich's String Quartet No. 8 in C Minor, call x6669 for info.

30 SAT

Visionary Performance Art: Sisters of One Eye, 8 p.m., Studio Theatre, Temporary Bldg. EE, Cost: \$5-\$8. Co-sponsored by Women's Studies Program and Dance Dept. Call x3841 for info.



Dance Auditions: Improvisations Unlimited, resident dance ensemble, UMCP; for men and women, call x4847 for info.

2 MON

Systems Research Center Annual Research Review Conference, 9 a.m. Registration, Holiday Inn, College Park; conference also on May 3; fee charged, call x6166 or x6167 for info.

Advanced Database Lectures: Short student lectures on database research, 12 noon-3 p.m., 4180 Williams, call x6198 for info.

Philosophy Club Meeting: "On Seeking Less than the Best," Michael Slote, 3:30 p.m., 1117 Key, call x2850 for info.

Computer Science Seminar: "PROBE: An Extensible Object-Oriented DBMS," Umeshwar Dayal, Computer Corp. of America, 4 p.m., 0111 Classroom Bldg., call x4244 for info.

Entomology Seminar: "Egg Contamination as a Method for the Inoculative Release of Exotic Microsporidia of the Gypsy Moth," M.R. Jeffords and J.V. Maddox, Illinois Natural History Survey, Champaign, 4 p.m., 0200 Symons, call x3843 for info.

Horticulture Seminar: "Physiology and Biochemistry of oxygen regulation of flood tolerance in plants," and "Funding opportunities in the plant sciences," Robert Kennedy, NSF, 4 p.m., 0128B Holzapfel, call x3614 for info.

History and Philosophy of Science Colloquium: "Moral Theory, Moral Education and Moral Life," Bob Fullinwider, 4:15 p.m., 1117 Key, call x2850 for info.

3 TUE

Zoology Seminar: "Lek Evolution in the Sage Grouse," Jack Bradbury, U. of California, La Jolla, 12 noon, 1208 Zoo/Psych, call x3203 for info.

Geographic Information Systems Seminar: "Urban Area Geographic Information Systems: A Research Agenda," Panel discussion, 2:30 p.m., 0307 Benjamin, call x4105 for info.

Physics Colloquium: "SDI: Does Physics Affect Policy?" R.L. Garwin, IBM, Watson Research Center, 4 p.m., 1410 Physics, call x3501 for info.

Discovering the Americas Seminar: "The Mestizo Society in the Spanish American Empire," Jacques Lafaye, University of Paris-Sorbonne, 5 p.m., 2309 Art/Soc., call x4305/6 for info.

University Theatre: Crimes of the Heart, 8 p.m., Pugliese Theatre, \$7 (\$5.50 senior/student), also on May 4-7, 10-14 at 8 p.m., May 8, 15 at 2 p.m., call x2201 for info.

University Community Concert: Cleveland Quartet, Beethoven Cycle III, \$14 (\$11.50 senior/student), 8 p.m., Center of Adult Education, call x6534/5 for info.

4 WED

Counseling Center R & D Meeting: "Single Mothers by Choice: Transition and Decision-Making Styles," Julie Perone, 12 noon, Testing Room, Shoemaker, call x2391 for info.

Musical Offering: The Park Trio, Beethoven Trio, Op. 3, No. 1 in E-flat Major, 12:30 p.m., Music Library, Tawes, call x1073 for info.

International Security Research Workshop: "Revenge, Spite and Retaliation: Extensions of Martin Shubik's 'So Long, Sucker' Game," Barry Nalebuff, Columbia U., 3:30 p.m., Morrill Student Lounge, call x3457 for info.

Psychology Colloquium: "Object, Situation and State Words," Alva Hughes, Bartlett Awardee, 4 p.m., 1208 Zoo/Psych., reception to follow, call Betty x6964 to RSVP or for info.

Astronomy Colloquium: "VLBI, VLBA, QUASAR, RADIOASTRON," John Romney, NRAO-CV, 4 p.m., 1113 Computer Science Bldg., call x3501 for info.



Maryland Lacrosse vs U. of Delaware, 8 p.m., tickets \$5, \$3, call x2121 for info.

Employee Development Seminar: Nomination deadline for Overview of the Personnel Service Function Seminar on May 11, call x4811 for info.

*Admission is charged for this special event. All others are free.

Swimmer Makes Academic Splash by Winning Academic Fellowship

Swimmer Michael Raue has been among UMCP's most outstanding scholar-athletes in recent years.

A 4.0 student in mathematics, Raue recently earned a major graduate fellowship from the Phi Kappa Phi National Honor Society. Raue will receive a fellowship of \$6,000 for his first year of graduate or professional study.

The fellowship is one of 50 awarded nationally by the society. While several UMCP students have received the award in the past, Raue is the first UMCP student-athlete to earn the award.

Raue has been a member of the UMCP varsity swim team since 1984. He qualified for the 1988 NCAA championship swimming meet and holds team records in two relay races. He has won numerous academic awards including a UMCP Chancellor's Scholarship.

Raue plans to attend Stanford University next year. Note: Raue's name was inadvertently omitted from a list of members of the Athletic Director's Honor Roll published in the April 18 Outlook. Swimmer Kurt Kendall, a chemistry major, was also left off the list.

ARTS AT MARYLAND

"Crimes of the Heart" Director Draws on Memories To Bring Play Alive

Director Charlotte MacArthur's high school scrapbook has become an important resource in preparing a University Theatre cast for its May production of "Crimes of the Heart."

Beth Henley's comedy concerns three sisters in a tiny Mississippi town who are reunited as they respond to various crises in their lives. One has just shot her husband, another is recovering from a "small" nervous breakdown and the other is contemplating spinsterhood. The production will be performed at 8 p.m. May 3-7 and 10-14 and 2 p.m. May 8 and 15 in the Rudolph E. Pugliese Theatre.

In working with the cast, MacArthur, UMCP assistant professor of Communication Arts and Theatre, has been emphasizing the southern nature of the play. The women and their town are thoroughly southern, MacArthur says.

Early in rehearsals, MacArthur found that her cast had difficulty relating to the southernness of their characters. Aside from one cast member who hails from Oklahoma, the others—including one man from Great Britain—had little experience with southern culture.

"These are very real southern people, and it's important to draw the audience into a southern setting," MacArthur says.

MacArthur, a native Texan, grew up with a powerful sense of southern culture. Her family's roots were in Alabama, her grandfather had fought for the Confederacy in the Civil War and her family and neighbors followed southern traditions during her youth.

As a young adult MacArthur left Texas and the sense of southernness



Director Charlotte MacArthur (second from the left) shows the cast of "Crimes of the Heart" her childhood memorabilia to help the actors understand the southern nature of the play.

became diminished in her life. When rehearsals for "Crimes of the Heart" got underway, MacArthur was reminded of her southern upbringing and found that background living in many of her personal keepsakes. Unearthing such mementos as a scrapbook and a high school diary, MacArthur saw that her own experience was much like that of the characters in her play.

She and her cast have picked through her keepsakes to find bits of insight that convey a sense of the play's culture.

MacArthur's memories are not the only resource upon which she has drawn. She has encouraged the cast to explore history—both recent and

distant—to help them make connections with the script.

The play, for instance, takes place several years after Hurricane Camille, which ravaged the Mississippi Delta in the late 1960s. Because memories of the hurricane influence the characters, MacArthur and the cast have discussed the event.

Often, the qualities of the play's characters derive from a cultural heritage that dates to the pre-Civil War, and even pre-Revolutionary eras. MacArthur and the cast have spent time exploring such influences.

"Crimes of the Heart" is the last University Theatre production of the 1987-88 season. For ticket information call 454-2201. ■

Chorus Preparing For Summer European Tour

The University of Maryland Chorus will sing in one of the most unlikely settings of its 20-year history when it performs

in Moscow on July 4th this summer.

The Fourth of July concert in Moscow will be part of a four-concert European tour for the chorus. The group will also present concerts in West Berlin, London and Dresden, East Germany during a series of "Concerts for Peace" sponsored by the International Physicians for the Prevention of Nuclear War.

During the tour the chorus will present Beethoven's "Missa Solemnis" as the program for its tour concerts with guest conductor Antal Dorati directing rehearsals and performances. A group of Western European instrumentalists serving as an orchestra and a cast of soloists from Eastern block nations will perform with the chorus during the tour.

International Physicians for the Prevention of Nuclear War, which received the Nobel Peace Prize for 1985, is a joint U.S.-Soviet initiative to work to prevent nuclear war by involving physicians from throughout the world. As part of its mission, the group sponsors concerts to demonstrate the cooperation of physicians and musicians for peace in the world.

The tour schedule includes:

- Rehearsals in West Berlin July 1-3.
- A concert at the Philharmonie in West Berlin July 3.
- The July 4 concert in Moscow.
- A concert at Semper Oper in Dresden, East Germany July 6.
- A concert at Royal Albert Hall in London July 7. ■

History Professor Measures Progress on Translation Project in Decades

Now in his 10th year of an effort to translate al-Maqrizi's medieval history of Cairo, Karl Stowasser says that with another decade of work, "I could be pretty well along."

Stowasser, UMCP associate professor of history, must measure the progress of his work in decades because of the vastness of the project. It involves much more than simply taking al-Maqrizi's original Arabic manuscript and translating it into English.

The historian has spent hundreds of hours in such countries as Egypt and Turkey tracking down accurate versions of al-Maqrizi's work. Because al-Maqrizi's original manuscript has not yet been found, Stowasser studies later, handwritten copies of the original that have varying degrees of authority. Some, copied just a few years after al-Maqrizi's death seem close to the historian's intent, while other versions—some copied as late

the 18th and 19th centuries—contain serious distortions and omissions, Stowasser says.

Within the manuscripts, Stowasser sorts through an encyclopedic picture of Cairo, Egypt and medieval Islam. More than 30,000 people and places are mentioned, and the book's scope ranges from such broad subjects as the geography of Egypt to such specific details as histories of the streets and neighborhoods of Cairo.

"He talks about everything under the sun. There will be a detailed description of the tax system, the way they planted sugar, the history of Christianity in the city—the sky is the limit," Stowasser says. "It is a thousand years of Egyptian history, in which the lives of people and the places all come together in the end like colored pebbles to form a mosaic within the frame of the larger Islamic world."

Most of the 30,000 names and places mentioned by al-Maqrizi have been obscured by time. Stowasser must research the background of each in order to describe them in footnotes for modern readers.

Important events of al-Maqrizi's time often require a contemporary perspective. For instance, there is a chapter on the adjustment of Egypt's lunar calendar—a subject so foreign to modern readers that it requires an elementary explanation of the workings of a lunar calendar.

The value of al-Maqrizi's text lies within its copious detail, Stowasser says. The book presents an extraordinarily complete history of medieval Egypt by a man who is perhaps that country's greatest historian, he says.

With two of a planned 10 or more volumes now completed, Stowasser keeps the size of his task in perspective.

"This is not the kind of thing one does between semesters. A person can devote himself entirely to this kind of project," Stowasser says.

Stowasser began the project in 1978 and has been supported by the National Endowment for the Humanities and the Smithsonian Institution. A lexicographer and Arabist, his facile ability to deal with languages is an important asset in his work. The project requires expertise in such languages as Arabic, Turkish, Persian and French.

Now Stowasser's scholarly life revolves almost entirely around al-Maqrizi and his history of Cairo.

"When one spends so much time with an author, he begins to see him as though he were a friend. Each year when I am in Cairo, I never fail to make a pilgrimage to the place where his house was," he says. ■

—Brian Busek

As a Debator, UMCP's David Levasseur is "A Natural"

He may be the closest thing to "a natural" that there is in college debate. In only one semester of competitive college forensics, David Levasseur, a senior in Economics at UMCP, has won a total of 16 individual and two "team" awards, including 8 first place titles and 2 pentathlon championships. All this while maintaining a 4.0 grade-point average. Kevin Dean, UMCP's coordinator of forensics activities, says David's achievements qualify him for the National Forensics Association's national championship tournament at the University of Arizona later this month. Congratulations on a job well done!



CLOSE UP

Kirwan Looks to the Future

continued from page 1

The other exciting factor is, of course, funding. Not only were there glowing words, but the legislature seems to be willing to back their words with new funds. The legislature has requested the Governor to ask for somewhere between \$28 and \$32 million of additional support for the campus in 1989-90.

Q. How will decisions be made on where to allocate this money?

A. Fortunately, we've been doing considerable planning for some time, so we are not starting from ground zero. We have a process for identifying campus priorities.

For example, we will undoubtedly use some of the funds to enhance the library, to further enhance our computing resources and our laboratories, and to better equip our offices and classrooms. We also have a very compelling case for significant increases in support staff. This enhancement could well give us an opportunity to put resources into this area, one that is very badly needed, and one, quite frankly, that is difficult to sell to the legislature as an individual item. We also need increased funding for graduate fellowships, for merit scholarships for undergraduate students, for enhancement of our desegregation efforts, and for increased faculty salaries.

Q. Is this \$28 million one time funding for next year alone?

A. No, it will be permanent base funding. This, of course, is a very important point. If it were one-time money, it would be useful, but we really couldn't address major deficiencies that way. This will be money in our permanent base, and it is important to note that the legislation says that \$28 million is the *minimum* the Governor should provide College Park.

Q. Does this mean that they cannot take it away once they have given it to us?

A. Well, you can never say they can't take it away, but it is clearly their intent that this is to be a permanent adjustment in our base.

I have said frequently in the past that the only thing holding this campus back from becoming one of the nation's very best public universities is the absence of adequate State support. Now, with this additional funding, we really will have an opportunity to step into the upper echelon of public universities. Usually, such a change in the status of a university is a gradual process, and indeed we have seen a tremendous growth in our reputation and quality over the past ten years. But now we have an extraordinary opportunity to actually transform this institution in a very

short period of time. And we should not forget that on top of all this, we are beginning our planned undergraduate enrollment reduction next fall.

Q. What impact will reducing enrollment have on the campus?

A. Discussions on reducing undergraduate enrollment went very well with legislators. They are very supportive of the idea. As I said, next year is the first year of the undergraduate enrollment reduction. We can tell already that it will have a significant impact on the quality of our entering class. It's a little hard to project at the moment, but it's quite likely that the average SAT score of entering freshmen will be up around 1080 next fall, and it's reasonable to speculate that it will reach 1,100 within a couple of years.



JOHN T. CONSOLI

Q. A 50 point jump in one year?

A. That's right. Two things are happening simultaneously. First, we're reducing the number of undergrads, and at the same time our image among the good students in the state is improving. I think a shock wave has gone through the public schools this year because many students who in former years would have been admitted have been told they can't come to College Park next year. There is a very interesting phenomenon. As you become more selective, the interest increases and your applicant pool actually grows. That's definitely what has happened to us this year.

Q. What other academic decisions or changes will take place while you are acting president?

A. We'll start to phase in the Pease Report recommendations on undergraduate education. This report comes at a very good time because just as we're receiving these additional resources and becoming more selective in our undergraduate admissions, we have a substantial new thrust in our undergraduate program.

Q. Are other academic decisions forthcoming?

A. We're doing an in-depth study of our Honors Program. Of course, the timing is excellent for this too, and I believe that either late this spring or early next fall there will be a proposal before the Campus Senate for some modifications and improvements in our Honors Program. A faculty committee chaired by Nelson Markley is hard at work looking at both General and Departmental Honors Programs. These programs have served the campus well. However, in both the Middle State Study and the review of the Office of Undergraduate Studies, there was a clear message delivered. These programs can be strengthened. That's what we are doing—looking at how we can strengthen and make them work together more efficiently.

Q. Are any particular decisions in store for the graduate school?

A. The strong emphasis on graduate education and research at this institution will continue. If anything, the governance legislation increases our mandate in this area. I look for us to increase significantly the number of grad fellowships. I'm confident that our research budget will grow. I think the creation of the Designated Research Initiative Fund (DRIF) has been one of the most important developments that has taken place on this campus. This coming year there will be over \$6 million in that fund to support research activity, and I suspect it will grow to over \$7 million within the next few years.

Q. Obviously, much planning will have to be done this year. Is it a handicap that we don't have a permanent president?

A. It would be better if we had a permanent person in place right now because this is such a watershed year. However, I think we have a remarkable degree of consensus on many of the priorities for the campus.

Certainly, we will have to make decisions this year on the allocation of resources, but these can always be redirected in years to come. When a new president comes on board, there will be an opportunity to shift directions.

Q. Can you cite specific areas that should receive more resources than others?

A. Through our planning process we have identified some programmatic areas that cut across departmental lines and have an opportunity to achieve distinction—these include areas such as the life sciences, policy studies (public affairs, government and politics, economics), fine arts, foreign languages. We are also committed to the enhancement of our existing excellent departments and selected professional programs.

Moreover, it is my hope that the entire campus will benefit by, for example, the enhancement of deficient operating budgets.

Q. What about faculty salaries?

A. We cannot hope to recruit and retain faculty unless we pay them well. It's so difficult to build programs of national distinction. The loss of a few key faculty can negate years of effort. So, we have to be certain we're doing all that we can to protect the salary position of our faculty.

Q. As acting president, will you have an opinion about the question of initiating merit pay for classified staff?

A. I support the idea very enthusiastically. I don't know yet what the new bill says on this issue but it is a matter that should be explored.

Q. What is your plan for managing the Office of Academic Affairs while you are acting president?

A. There will, of course, be an acting vice president and provost. I am in the process of inviting people to suggest individuals who might be able to serve effectively in this capacity.

Q. What will be your toughest battle as acting president?

A. In my opinion we have such an unprecedented opportunity this year, to move the campus forward both in terms of its ability to manage its affairs and to enhance its quality. Assisting the campus to realize this opportunity and take full advantage of it will be an all-consuming job. But it is one I look forward to very much.

Q. Can people who are used to seeing you at events and in your office expect to have as much contact with you in the future as they did previously?

A. I certainly wouldn't want it any other way. One of the things that has made my life in administration most enjoyable has been the interaction with people from across the campus community. I just can't imagine operating in any other way. ■

UMCP's "Children" Will Be Featured on National Television

A look behind-the-scenes of the UMCP/Gallaudet University production of Mark Medoff's "Children of a Lesser God" will be broadcast nationally during May on the cable television magazine program "Deaf Mosaic." Producers of the award-winning television magazine program followed the production throughout its six-month process of audition, sign language training, rehearsals and performances. The play, directed by

UMCP assistant professor of Communication Arts and Theatre William Patterson, was a first-ever collaboration between hearing and deaf universities. The "Deaf Mosaic" segment will be broadcast in all 50 states on The Discovery Channel. Airtimes are: 3:30 p.m. May 18; 10 a.m. May 19; and 1:30 p.m. May 22.

COLLEGE PARK PEOPLE

IN THE SPOTLIGHT:

The Season of the Grass Cutter

One of those sure harbingers of spring is not the robin, the crocus, the dandelion, or the flowering magnolia. It is the lawnmower.

Or in the case of The University of Maryland College Park Campus it is: two tractor-drawn gang reel mowers, 28 gasoline-powered hand mowers, 18 ride-on rotary mowers, six self-propelled walk-behind mowers, 14 weed wackers and eight gas powered edgers.

Starting in April and continuing until the first week in November—depending on the weather and the growing season—UMCP grounds division crews engage in an annual battle to keep one step ahead of THE GRASS.

The campus boasts of some 600 acres of malls, playing fields, lawns and other patches of grassy real estate. Virtually every inch has to be manicured on a regular basis.

Grounds Division's Zone Three, for example, which includes Cole Field House, the Stamp Student Union, the Benjamin Building, Tawes Fine Arts, Art-Sociology, the School of Architecture, Preinkert Gym and eight dorms of the Northhill community complex, is typical of this ongoing war.

The zone's chief, **Craig Newman** and his five-man crew—**Albert Collins, Anthony Stroman, Dwayne Walton, Ed Williams, Jr., and Eugene Jefferson**—have come to know each blade of grass within the zone. Newman, who was a student here, has spent 18 years with the campus grounds division. When recent spring rains disrupted the crew's regular Thursday and Friday mowing schedule, he said, "If it is sunny and dry, we'll be out there cutting on Saturday and Sunday instead." And they were.

Their arsenal includes two ride-on tractors (a Hustler and a John Deere machine), three Jacobson push mowers, three weed-eaters, one blade edger, and one backpack blower. A new self-propelled mower is on order.

The biggest problem and aggravation is not the relentlessly growing grass but mechanical failures and equipment breakdown, he adds.

Another problem is that students use the lawns around Preinkert Gym as a recreational area for games, sunbathing and outdoor studying. The area is sometimes littered with things like empty lipstick tubes or discarded ballpoint pens that when struck by a lawnmower blade become what Newman calls "small projectiles."

One of the zone's most difficult areas lies on the east side of the Stamp Student Union. The ground is steeply sloped and the grassy areas are restricted by sidewalks and iron railings. "It is very hazardous to cut, especially when it's wet, because of the terrain and the many pedestrians

in the area," Newman says.

"Dorm residents don't like us mowing in the mornings and we sometimes get complaints from professors when we are working around the academic buildings," he notes.

But, during the peak growing months of April, May and June, the crew must mow the Zone Three lawns once each week. "We are cutting somewhere every day of every week," Newman said as he paused from trimming grass along the edge of Parking Lot O. The crew is also responsible for planting flower beds, trimming hedges, shrubs and trees and maintaining the general appearance of the zone.

"We're always faced with which is a priority job and which is a lesser priority job," the crew chief says. ■

—Tom Ottwell



Members of the Zone Three crew include (from left to right): Anthony Stroman, Albert Collins, Edward Williams, Jr., Dwayne B. Walton, and Eugene Jefferson.

AL DANEGGER

Behind the Scenes: Keeping a Roof Over Our Heads



Bird's-eye view of the campus reflects the variety of roofs and roofing materials used on UMCP buildings.

Roofs.

Pretty prosaic things.

Prosaic that is until, depending on what they're made of, they crack, rot, rust, split, blow off, or otherwise lose their ability to keep out the rain.

This year \$1.5 million has been earmarked to replace or repair roofs on campus buildings. Much of that work is done by three campus roofers — **William Campbell**, a 36-year veteran of UMCP's physical plant department, **Vernon Laumann**, who has been here almost five years, and **John Morton**, who has worked at UMCP for more than ten years. **John Warner**, supervisor of the roofing and sheet metal shop, says a fourth roofer will join the staff soon. Warner has been with UMCP for 27 years. Campus buildings are roofed in a variety of materials and the roofing

staff has to be familiar with all of them. Main Administration Building, for example, has a copper roof which gives it its distinctive green, Statue of Liberty-like hue. Copper roofs, according to **James Kempton**, engineering supervisor in the Department of Physical Plant, have a 35- to 40-year life span. Both Shoemaker and Ritchie Coliseum also have copper roofs, Warner says.

The barrel roof on Cole Field House is made of aluminum and many of the maintenance and physical plant storage buildings and sheds are clad in corrugated metal. Warner says a single-ply roofing system called "Durvegum" that is heated as it is applied covers the relocatable buildings that house the TAP facilities and the campus Computer Emporium.

Built-up asphalt, which is used on most of the flat roofed buildings on campus—the highrise dorms, Hornbake, Zoo-Psych, and others—should last between 15 and 20 years. But since coal tar pitch is no longer used (it tends to give off hazardous fumes) and has been replaced with a mastic, these roofs tend to have a shorter life. During the summer, the coal tar would soften and melt and fill in cracks or holes. The mastic does not soften in high temperatures.

Most campus buildings are roofed with slate. Depending on the quality of the stone used, slate roofs should (and often do) last a half century or more. But, Warner says, slate is expensive. "The University has to pay \$350 a square for slate. A square will cover a ten-foot by ten-foot area, which isn't much."

Like any roofing material, Warner says, slate is affected by expansion and contraction, thermal shock, splitting and the ravages of baking in the sun over a period of years.

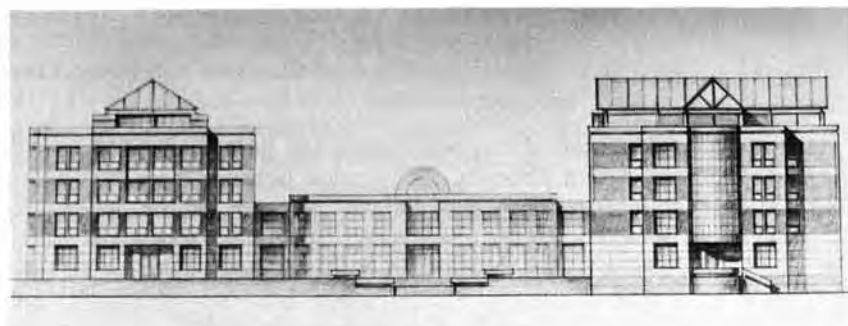
This year the entire roof on the Zoo-Psychology building is scheduled to be replaced, Warner says. The Physics and PERH buildings are also on line for replacement.

"We carry out a program of preventive maintenance and inspection to foresee some of the problems we'll have in the future," Warner says. "We inspect, consider the age of the building, and the number of work order requests received."

Until 1977, when the Wind Tunnel Building was re-roofed, there had been no systematic program in place to keep campus buildings, and their roofs, maintained, he adds. "Since then, we've had a lot of catching up to do." ■

—Tom Ottwell

AL DANEGGER



New College of Business and Management Building on the Drawingboard

The College of Business and Management will have a new home in about three years. The drawing shown here is how the architectural firms of Keyes, Condon and Florence of Washington, D.C. and Architects Collaborative of Cambridge, Massachusetts envision the new building which will be located behind the School of Architecture on what is now Parking Lot One, next to the tennis courts. In addition to the Business College, the School of Public Affairs will be housed in the building. Construction is scheduled to begin at the end of this year with completion expected in 1992.

GRAPEVINE

Foerstel Says No To FBI

The following is the testimony of Herbert Foerstel, head of the Engineering and Physical Sciences Library, presented before the Maryland Legislature's Committee on Economic and Environmental Affairs Committee earlier this month. On April 9 the General Assembly approved a measure that guarantees the privacy of library records at any school or university in the State.

I am testifying today, not as a representative of the University of Maryland or its Library System, but as the administrative head of two particular libraries at College Park which have been visited by the FBI over the past few years. Several years ago, before the recent media attention, the Engineering and Physical Sciences Library at the University of Maryland was visited by an FBI agent. The procedure followed then by the FBI has since become the pattern for all such visits to libraries around the country: no prior notification or appointment and no contact of any kind with supervisors. In their initial visit to the Engineering Library the FBI asked a staff member to note the name of any library user, whether he or she be faculty, student, or general public, who read or requested particular technical reports, and to report such names regularly to the FBI. The staff member was intimidated, and only sometime later did she notify me of the FBI approach.

It is important to keep in mind that the Engineering and Physical Sciences Library owns no classified material, and that anyone wishing a copy of anything on our shelves is free to buy it from bookstores, publishers or U.S. Government agencies. Since we own no restricted material, what could be the possible purpose of FBI harassment? Recent FBI comments in the press suggest a concern that American high technology information is flowing to foreign countries through the standard scholarly publications available to the public. As a result, "foreigners in libraries" has



AL DANIEGGER

become one of the FBI's most recent focuses. About a year ago an FBI agent visited the Chemistry and Engineering Libraries at College Park, again maintaining a low profile and avoiding supervisors. After flashing a badge and expressing inspecific concern for "national security," the agent inquired generally about "foreigners" or any library users with "foreign sounding names." The librarians on duty were asked to recall any such foreigners using the libraries and what materials they read. At the Chemistry Library the agent expressed particular interest in computerized literature searches, the data based equivalent of traditional printed indexes or abstracts, and asked that backfiles of such searches be examined to determine whether "foreigners" had used the service. East European or Russian names were of special interest, along with the subjects such people had searched. The librarian was uncomfortable with the FBI demands, and provided little specific information, but, in the absence of a formal law or

policy on confidentiality, she did her best to cooperate.

The number of libraries that the FBI has visited nationally during their Library Awareness program is unconfirmed, primarily because of the surreptitious way that libraries have been approached. But at least nine libraries have formally complained about FBI visits: Columbia University, University of Cincinnati, New York University, SUNY-Buffalo, University of Maryland, George Mason University, New York Public Library, Broward County Public Library (FL), and Brooklyn Public Library.

Currently Maryland is among thirty-six states which have confidentiality of library records statutes, though, as you know, the existing Maryland law somehow overlooked college and university libraries in its coverage. In 1986 the University of Maryland campus legal officer indicated that Maryland law neither required nor prohibited the divulging of personal borrower or user records at the University of Maryland. However, as a result of these unwarranted FBI intrusions on academic freedom, the University of Maryland Libraries has clarified and formalized an internal policy protecting confidentiality of library records. Still, I would feel much more secure knowing that the weight of law was behind our internal policy, and that it could not be rescinded or compromised arbitrarily or frivolously.

Copies of several documents on confidentiality of borrower or user records accompany this testimony, including articles and interviews I have written on this subject for the Maryland Library Association's official publication. Allow me to quote briefly from my interviews with former Senator Charles Mathias and Senator Paul Sarbanes. In July 1986 Senator Mathias stated his opposition to FBI intrusions on libraries: "I would be very sensitive about the effect, including diminishing use of libraries, that could result if people thought they were going to be questioned about what they had read. A historian might be reluctant to charge out *Mein Kampf* or *Das Kapital*. We've been very sensitive to that sort of thing here in the Senate." In January of this year Senator Sarbanes was equally strong in denouncing these FBI visits: "I don't think this sort of thing should occur without a court order or very strong grounds for legal proceedings. It should never be a fishing expedition. This is a free society and the free exploration of ideas is an essential part of a free society. After all, a person charging out a book may disagree strongly with its content. The library profession's current practice of requiring a court order sounds like an appropriate response to a situation that should not have occurred in the first instance."

Thank you for your consideration. ■

MD Images Rolls Out Red Carpet for Prospective Students

Do you know high school or transfer students interested in attending The University of Maryland College Park? MD Images is ready to roll out the red carpet and show them around.

MD Images, a six-year-old program located in the Undergraduate Admissions Office in the North Administration Bldg., has 80 enthusiastic UMCP undergraduates who introduce prospective students to the College Park campus through three main programs.

Terrapin Tours, a one-hour walking tour of campus, are given four times a day by one of the MD Images undergraduates and leave from the

Undergraduate Admissions Office.

In the Adopt-A-Student program, an undergraduate takes a prospective student along on his or her typical day at College Park. They go to classes, lunch and extracurricular activities. Reservations must be made for this program.

With High School Outreach, MD Images undergraduates go to area high schools and talk to the high school students about college life and what to expect upon entering a university.

For more information about these and other MD Images programs call x4137. ■



JOHN T. CONSOL

Joan Hult (Physical Education Dept.), right, presents Karen Earl (Bursar's Office) with an award for walking the greatest distance during Women's History Month Walkathon in March. Earl was one of 48 entries in the first-time event, which was co-sponsored by Campus Recreation Services and the Dept. of Physical Education. The women in the walkathon hiked a total of 374 miles over the week-long event. "We did very well for our first try," Hult says. "Next year we feel the walk will attract twice as many entries or more. It was great fun."